September 9, 2019

Non responsive due to revised scope
Environmental Restoration, LLC
1666 Fabick Drive
Fenton, MO 63026

Certificate of Analysis

Project Name:	**Soil Samples**	Workorder:	**3054954**
Purchase Order:		Workorder ID:	**Soil Samples**

Dear Non responsive due to revised

Enclosed are the analytical results for samples received by the laboratory on Friday, August 30, 2019.

The Non responsive due to revised scope is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Non responsive due to revised scope

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the Non responsive due to revised scope

Non responsive due to revised scope
Project Coordinator

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

SAMPLE SUMMARY

Workorder: 3054954 Soil Samples

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3054954001	AREA 01	Solid	8/29/2019 14:30	8/30/2019 08:46	Collected by Client
3054954002	M-Comp	Solid	8/29/2019 14:35	8/30/2019 08:46	Collected by Client

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SAMPLE SUMMARY

Workorder: 3054954 Soil Samples

Notes

-- Samples collected by [redacted] personnel are done so in accordance with the procedures set forth in the [redacted] Field Sampling Plan (20 - Field Services Sampling Plan).
-- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
-- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
-- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
-- The Chain of Custody document is included as part of this report.
-- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
-- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
-- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
-- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
-- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 3054954 Soil Samples

Lab ID: **3054954001** Date Collected: 8/29/2019 14:30 Matrix: Solid

Sample ID: **AREA 01** Date Received: 8/30/2019 08:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
TCLP VOLATILE ORGANICS										
Benzene	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
2-Butanone	ND		ug/L	200	SW846 8260C			9/6/19 12:53		A
Carbon Tetrachloride	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
Chlorobenzene	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
Chloroform	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
1,2-Dichloroethane	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
1,1-Dichloroethene	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
Tetrachloroethene	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
Trichloroethene	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
Vinyl Chloride	ND		ug/L	20.0	SW846 8260C			9/6/19 12:53		A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*		*Cntr*
1,2-Dichloroethane-d4 (S)	101		%	62 - 133	SW846 8260C			9/6/19 12:53		A
4-Bromofluorobenzene (S)	111		%	79 - 114	SW846 8260C			9/6/19 12:53		A
Dibromofluoromethane (S)	97.6		%	78 - 116	SW846 8260C			9/6/19 12:53		A
Toluene-d8 (S)	97.4		%	76 - 127	SW846 8260C			9/6/19 12:53		A
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	3680	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Aroclor-1016	ND	1	mg/kg	405	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Aroclor-1221	ND		mg/kg	405	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Aroclor-1232	ND		mg/kg	405	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Aroclor-1242	ND		mg/kg	405	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Aroclor-1248	ND		mg/kg	405	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Aroclor-1254	503		mg/kg	405	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Aroclor-1260	ND		mg/kg	405	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*		*Cntr*
Decachlorobiphenyl (S)	0	3	%	49 - 115	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
Tetrachloro-m-xylene (S)	0	2	%	27 - 137	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:20		A
WET CHEMISTRY										
Cyanide, Reactive	ND		ppm	10	SW-846 7.3CN	9/4/19 14:40	VXF	9/5/19 14:09		A
Free Liquids	NEGATIVE				SW846 9095B			9/5/19 11:10		A
Halogen, Total Organic (TOX)	20.2		mg/kg	5.7	SW846 9023			9/4/19 13:55		A
Ignitability	Not ignitable	5			SW846 1030			9/9/19 10:00		A
Moisture	19.0		%	0.1	S2540G-11			9/3/19 07:55		

ANALYTICAL RESULTS

Workorder: 3054954 Soil Samples

Lab ID: **3054954001** Date Collected: 8/29/2019 14:30 Matrix: Solid

Sample ID: **AREA 01** Date Received: 8/30/2019 08:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
pH	7.82	4	pH_Units		SW846 9045D			8/31/19 07:47		A
Sulfide, Reactive	ND		ppm	6.2	SW846 7.3	9/4/19 14:40	VXF	9/4/19 17:04		A
Total Solids	81.0		%	0.1	S2540G-11			9/3/19 07:55		
TCLP METALS										
Arsenic, Total	0.79		mg/L	0.14	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:42		A1
Barium, Total	ND		mg/L	2.8	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:42		A1
Cadmium, Total	11.1		mg/L	0.011	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:42		A1
Chromium, Total	ND		mg/L	0.028	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:42		A1
Lead, Total	11.1		mg/L	0.033	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:42		A1
Mercury, Total	ND		mg/L	0.0020	SW846 7470A	9/4/19 11:00	AHI	9/4/19 14:26		A
Selenium, Total	ND		mg/L	0.11	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:42		A1
Silver, Total	ND		mg/L	0.022	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:42		A1
TCLP SEMI-VOLATILES										
mp-Cresol	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
o-Cresol	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
1,4-Dichlorobenzene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
2,4-Dinitrotoluene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Hexachlorobenzene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Hexachlorobutadiene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Hexachloroethane	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Nitrobenzene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Pentachlorophenol	ND		ug/L	120	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Pyridine	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
2,4,5-Trichlorophenol	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
2,4,6-Trichlorophenol	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*		*Cntr*
2,4,6-Tribromophenol (S)	82		%	47 - 128	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
2-Fluorobiphenyl (S)	73.6		%	52 - 118	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
2-Fluorophenol (S)	58.4		%	20 - 87	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Nitrobenzene-d5 (S)	77.9		%	27 - 139	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Phenol-d5 (S)	41.3		%	10 - 81	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A
Terphenyl-d14 (S)	92.9		%	46 - 133	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:25		A

Non responsive due to revised scope

ANALYTICAL RESULTS

Workorder: 3054954 Soil Samples

Lab ID: **3054954001** Date Collected: 8/29/2019 14:30 Matrix: Solid

Sample ID: **AREA 01** Date Received: 8/30/2019 08:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*

Project Coordinator

ANALYTICAL RESULTS

Workorder: 3054954 Soil Samples

Lab ID: **3054954002** Date Collected: 8/29/2019 14:35 Matrix: Solid

Sample ID: **M-Comp** Date Received: 8/30/2019 08:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
TCLP VOLATILE ORGANICS										
Benzene	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
2-Butanone	ND		ug/L	200	SW846 8260C			9/6/19 13:16		A
Carbon Tetrachloride	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
Chlorobenzene	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
Chloroform	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
1,2-Dichloroethane	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
1,1-Dichloroethene	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
Tetrachloroethene	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
Trichloroethene	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
Vinyl Chloride	ND		ug/L	20.0	SW846 8260C			9/6/19 13:16		A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*		*Cntr*
1,2-Dichloroethane-d4 (S)	99.3		%	62 - 133	SW846 8260C			9/6/19 13:16		A
4-Bromofluorobenzene (S)	111		%	79 - 114	SW846 8260C			9/6/19 13:16		A
Dibromofluoromethane (S)	98		%	78 - 116	SW846 8260C			9/6/19 13:16		A
Toluene-d8 (S)	98.8		%	76 - 127	SW846 8260C			9/6/19 13:16		A
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	3490	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Aroclor-1016	ND	1	mg/kg	384	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Aroclor-1221	ND		mg/kg	384	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Aroclor-1232	ND		mg/kg	384	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Aroclor-1242	ND		mg/kg	384	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Aroclor-1248	ND		mg/kg	384	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Aroclor-1254	590		mg/kg	384	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Aroclor-1260	ND		mg/kg	384	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*		*Cntr*
Decachlorobiphenyl (S)	0	3	%	49 - 115	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
Tetrachloro-m-xylene (S)	0	2	%	27 - 137	SW846 8082A	9/1/19 14:45	J1H	9/3/19 02:32		A
WET CHEMISTRY										
Cyanide, Reactive	ND		ppm	10	SW-846 7.3CN	9/4/19 14:40	VXF	9/5/19 14:09		A
Free Liquids	NEGATIVE				SW846 9095B			9/5/19 11:10		A
Halogen, Total Organic (TOX)	98.9		mg/kg	5.3	SW846 9023			9/4/19 15:28		A
Ignitability	Not ignitable	5			SW846 1030			9/9/19 10:00		A
Moisture	14.6		%	0.1	S2540G-11			9/3/19 07:55		

ANALYTICAL RESULTS

Workorder: 3054954 Soil Samples

Lab ID: **3054954002** Date Collected: 8/29/2019 14:35 Matrix: Solid

Sample ID: **M-Comp** Date Received: 8/30/2019 08:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
pH	6.68	4	pH_Units		SW846 9045D			8/31/19 07:50		A
Sulfide, Reactive	9.2		ppm	6.2	SW846 7.3	9/4/19 14:40	VXF	9/4/19 17:04		A
Total Solids	85.4		%	0.1	S2540G-11			9/3/19 07:55		
TCLP METALS										
Arsenic, Total	ND		mg/L	0.14	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:45		A1
Barium, Total	ND		mg/L	2.8	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:45		A1
Cadmium, Total	2.4		mg/L	0.011	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:45		A1
Chromium, Total	ND		mg/L	0.028	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:45		A1
Lead, Total	222		mg/L	0.033	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:45		A1
Mercury, Total	ND		mg/L	0.0020	SW846 7470A	9/4/19 11:00	AHI	9/4/19 14:28		A
Selenium, Total	ND		mg/L	0.11	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:45		A1
Silver, Total	ND		mg/L	0.022	SW846 6010C	9/4/19 16:20	SXC	9/6/19 12:45		A1
TCLP SEMI-VOLATILES										
mp-Cresol	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
o-Cresol	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
1,4-Dichlorobenzene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
2,4-Dinitrotoluene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
Hexachlorobenzene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
Hexachlorobutadiene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
Hexachloroethane	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
Nitrobenzene	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
Pentachlorophenol	ND		ug/L	120	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
Pyridine	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
2,4,5-Trichlorophenol	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A
2,4,6-Trichlorophenol	ND		ug/L	60.0	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52		A

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*Cntr*
2,4,6-Tribromophenol (S)	61.2		%	47 - 128	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52	A
2-Fluorobiphenyl (S)	55.2		%	52 - 118	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52	A
2-Fluorophenol (S)	40		%	20 - 87	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52	A
Nitrobenzene-d5 (S)	58.9		%	27 - 139	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52	A
Phenol-d5 (S)	30.1		%	10 - 81	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52	A
Terphenyl-d14 (S)	82.2		%	46 - 133	SW846 8270D	9/4/19 14:10	MXL	9/5/19 02:52	A

Non responsive due to revised scope

ANALYTICAL RESULTS

Workorder: 3054954 Soil Samples

Lab ID: **3054954002** Date Collected: 8/29/2019 14:35 Matrix: Solid

Sample ID: **M-Comp** Date Received: 8/30/2019 08:46

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*

Non responsive due to revised scope

Project Coordinator

[redacted]

ANALYTICAL RESULTS

Workorder: 3054954 Soil Samples

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3054954001	1	AREA 01	SW846 8082A	Aroclor-1016
This sample was analyzed at a dilution in the 8082 PCB analysis due to the level of Aroclor detected. Reporting limits were adjusted accordingly. One or more of the surrogates could not be evaluated as a result of the dilution.				
3054954001	2	AREA 01	SW846 8082A	Tetrachloro-m-xylene
The surrogate Tetrachloro-m-xylene for method SW846 8082A was outside of control limits. The % Recovery was reported as 0 and the control limits were 27 to 137. This result was reported at a dilution of 10000.				
3054954001	3	AREA 01	SW846 8082A	Decachlorobiphenyl
The surrogate Decachlorobiphenyl for method SW846 8082A was outside of control limits. The % Recovery was reported as 0 and the control limits were 49 to 115. This result was reported at a dilution of 10000.				
3054954001	4	AREA 01	SW846 9045D	pH
The solid pH measured in water was 7.820 at 19.9 degrees C.				
3054954001	5	AREA 01	SW846 1030	Ignitability
According to Pa/USEPA regulations, this sample is not considered to be ignitable. (Ref 40 CFR 261.21)				
3054954002	1	M-Comp	SW846 8082A	Aroclor-1016
This sample was analyzed at a dilution in the 8082 PCB analysis due to the level of Aroclor detected. Reporting limits were adjusted accordingly. One or more of the surrogates could not be evaluated as a result of the dilution.				
3054954002	2	M-Comp	SW846 8082A	Tetrachloro-m-xylene
The surrogate Tetrachloro-m-xylene for method SW846 8082A was outside of control limits. The % Recovery was reported as 0 and the control limits were 27 to 137. This result was reported at a dilution of 10000.				
3054954002	3	M-Comp	SW846 8082A	Decachlorobiphenyl
The surrogate Decachlorobiphenyl for method SW846 8082A was outside of control limits. The % Recovery was reported as 0 and the control limits were 49 to 115. This result was reported at a dilution of 10000.				
3054954002	4	M-Comp	SW846 9045D	pH
The solid pH measured in water was 6.680 at 20.1 degrees C.				
3054954002	5	M-Comp	SW846 1030	Ignitability
According to Pa/USEPA regulations, this sample is not considered to be ignitable. (Ref 40 CFR 261.21)				

Non responsive due to revised scope

ANALYSIS - PREP METHOD CROSS REFERENCE TABLE

Workorder: 3054954 Soil Samples

Lab ID	Sample ID	Analysis Method	Prep Method
3054954001	AREA 01	S2540G-11	
3054954001	AREA 01	SW-846 7.3CN	SW-846 7.3CN
3054954001	AREA 01	SW846 1030	
3054954001	AREA 01	SW846 6010C	SW846 3015
3054954001	AREA 01	SW846 7.3	SW846 7.3
3054954001	AREA 01	SW846 7470A	SW846 7470A
3054954001	AREA 01	SW846 8082A	SW846 3546
3054954001	AREA 01	SW846 8260C	
3054954001	AREA 01	SW846 8270D	SW846 3510C
3054954001	AREA 01	SW846 9023	
3054954001	AREA 01	SW846 9045D	
3054954001	AREA 01	SW846 9095B	
3054954002	M-Comp	S2540G-11	
3054954002	M-Comp	SW-846 7.3CN	SW-846 7.3CN
3054954002	M-Comp	SW846 1030	
3054954002	M-Comp	SW846 6010C	SW846 3015
3054954002	M-Comp	SW846 7.3	SW846 7.3
3054954002	M-Comp	SW846 7470A	SW846 7470A
3054954002	M-Comp	SW846 8082A	SW846 3546
3054954002	M-Comp	SW846 8260C	
3054954002	M-Comp	SW846 8270D	SW846 3510C
3054954002	M-Comp	SW846 9023	
3054954002	M-Comp	SW846 9045D	
3054954002	M-Comp	SW846 9095B	

Non responsive due to revised scope

[redacted]

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

COC / ALS — * 3 0 5 4 9 5 4 * — 1 of 1

Client Name: ENVIRONMENTAL RESTORATION

Address: 1666 Fabick Dr, Fenton, MO 63026

Contact: [redacted]

Phone#: [redacted]

Project Name/#: Shiloh Church Rd 3 5467

Bill To: ER

TAT: ☐ Normal-Standard TAT is 10-12 business days. ☒ Rush-Subject to [redacted] approval and surcharges.

Date Required: 9/6/19 Approved? [redacted]

Email? ☒ Y [redacted]

Fax? ☐ Y (No.) —

W.O. Temp: 5 °C Therm ID: 403

Analyst Initials:

Courier/Tracking #: 7761 0888 2466

Purchase Order #:

Project Comments: Hold Samples For 60 Days

[redacted] Field Services: ☐ Pickup ☐ Labor ☐ Composite Sampling ☐ Rental Equipment

Other:

Container Type: Glass | Container Size: 8oz | Preservative: N/A

ANALYSES/METHOD REQUESTED: PCB, TOX, FP; PH, Alkalinity, CN; Sulf-Dep, React, Filter; TCLP Metals, VO; TCLP SVB

#	Sample Description/Location (as it will appear on the lab report)	Date Collected mm/dd/yy	Time hh:mm	*G or C	**Matrix	Enter Number of Containers Per Sample or Field Results Below.	Sample/COC Comments
1	AREA Q1	08/29/19	1430	C	SO	3 —	5 Day TAT
2	M- COMP	08/29/19	1435	C	SO	3 —	" " "
3							
4							
5							
6							
7							
8							
9							
10							

[redacted]

Sampler Comments: 5 DAY TAT

	Relinquished By / Company Name	Date	Time		Received By / Company Name	Date	Time
1	[redacted]	8/29/19	1515	2	Fed Ex		
3	FedEx			4	[redacted]	8/30/19	0846
5				6			
7				8			
9				10			

Data Deliverables: ☒ Standard ☐ CLP-like ☐ USACE/DOD ☐

Special Processing: USACE ☐

Reportable to PADEP? Yes ☐ No ☒

PWSID #

Sample Disposal: Lab ☐ Special ☐

State Samples Collected In: ☐ NY ☐ NJ ☐ PA ☐ ☒ VA other

EDDS: Format Type-

* G=Grab; C=Composite **Matrix - AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

[redacted]

Rev 04/19

[redacted]

Non responsive due to revised scope

Condition of Sample Receipt Form

Client:	Work Order #:	Initials:	Date:
Environmental Restoration	3054954	Non responsive due	8/30/19

1. Were airbills / tracking numbers present and recorded?	NONE	(YES)	NO
Tracking number: 7761 0880 2466			
2. Are Custody Seals on shipping containers intact?	(NONE)	YES	NO
3. Are Custody Seals on sample containers intact?	(NONE)	YES	NO
4. Is there a COC (Chain-of-Custody) present?		(YES)	NO
5. Are the COC and bottle labels complete, legible and in agreement?		(YES)	NO
5a. Does the COC contain sample locations?		(YES)	NO
5b. Does the COC contain date and time of sample collection for all samples?		(YES)	NO
5c. Does the COC contain sample collectors name?		(YES)	NO
5d. Does the COC note the type(s) of preservation for all bottles?		(YES)	NO
5e. Does the COC note the number of bottles submitted for each sample?		(YES)	NO
5f. Does the COC note the type of sample, composite or grab?		(YES)	NO
5g. Does the COC note the matrix of the sample(s)?		(YES)	NO
6. Are all aqueous samples requiring preservation preserved correctly?	(N/A)	YES	NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?		(YES)	NO
8. Are all samples within holding times for the requested analyses?		(YES)	NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)		(YES)	NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?	(N/A)	YES	NO
11. Were the samples received on ice?		(YES)	NO
12. Were sample temperatures measured at 0.0-6.0°C		(YES)	NO
13. Are the samples DW matrix.? If YES, fill out Reportable Drinking Water questions below		YES	(NO)
13a. Are the samples required for SDWA compliance reporting?	(N/A)	YES	NO
13b. Did the client provide a SDWA PWS ID#?	(N/A)	YES	NO
13c. Are all aqueous unpreserved SDWA samples pH 5-9?	(N/A)	YES	NO
13d. Did the client provide the SDWA sample location ID/Description?	(N/A)	YES	NO
13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?	(N/A)	YES	NO

Cooler #:								
Temperature (°C):	5°C							
Thermometer ID:	403							
Radiological (µCi):								

COMMENTS (Required for all NO responses above and any sample non-conformance):

Rev. 4/29/2019

Non responsive due to re